

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

FIG. 1A

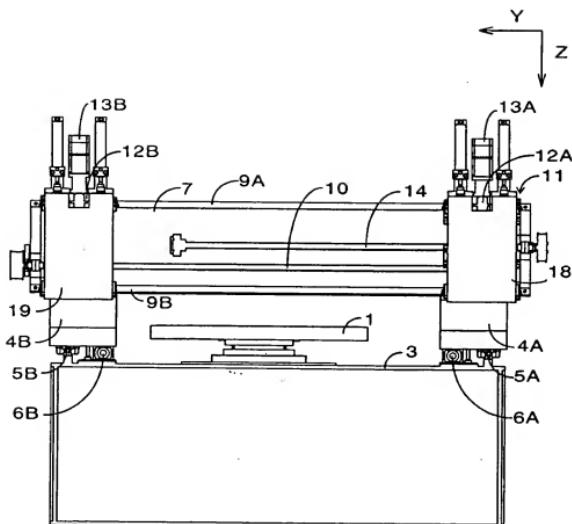


FIG. 1B

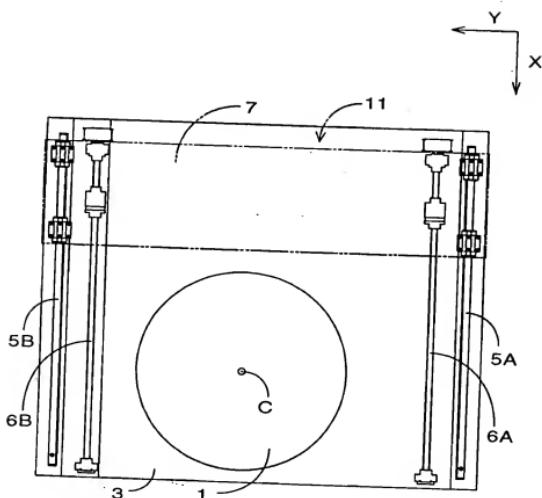


FIG. 1C

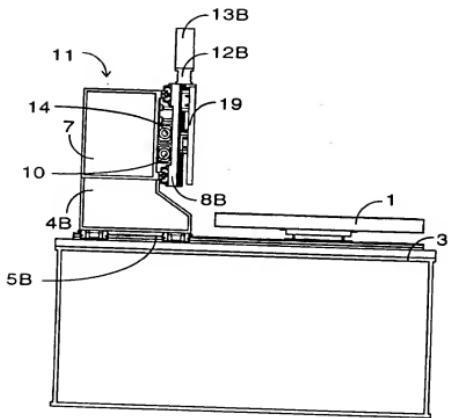


FIG. 2

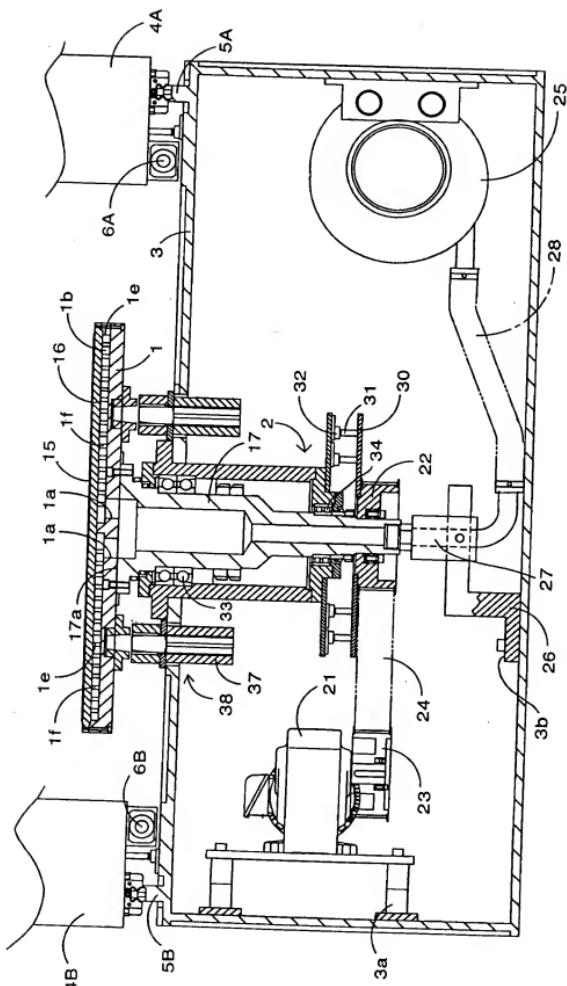


FIG.3

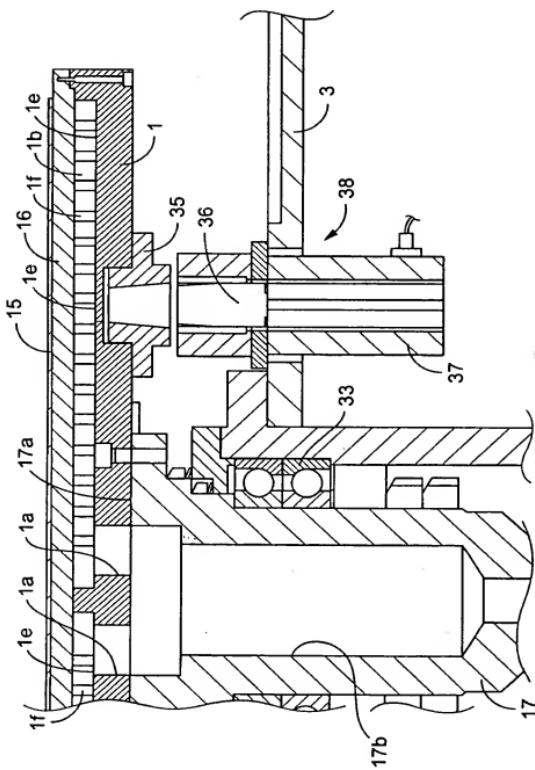


FIG. 4A

← B

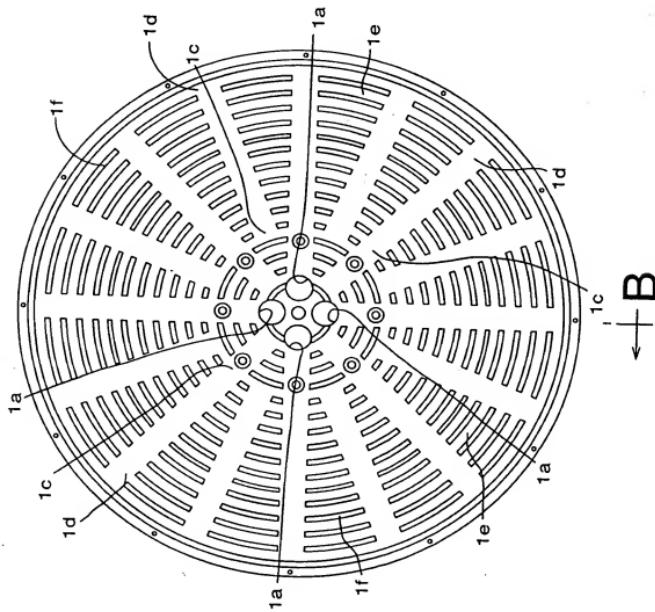


FIG. 4B

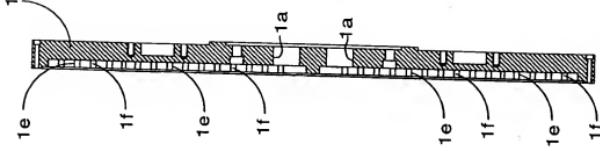


FIG. 5A

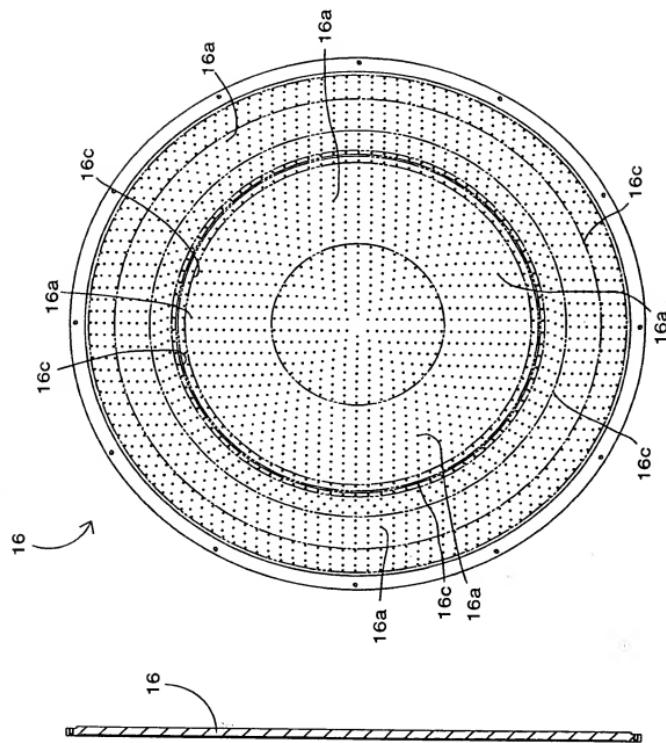


FIG. 5B

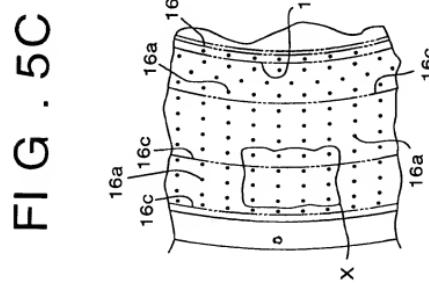


FIG. 5D
FIG. 5E

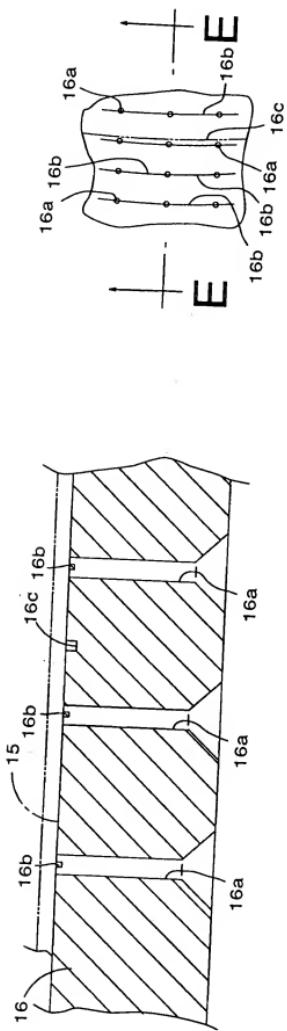


FIG. 6A

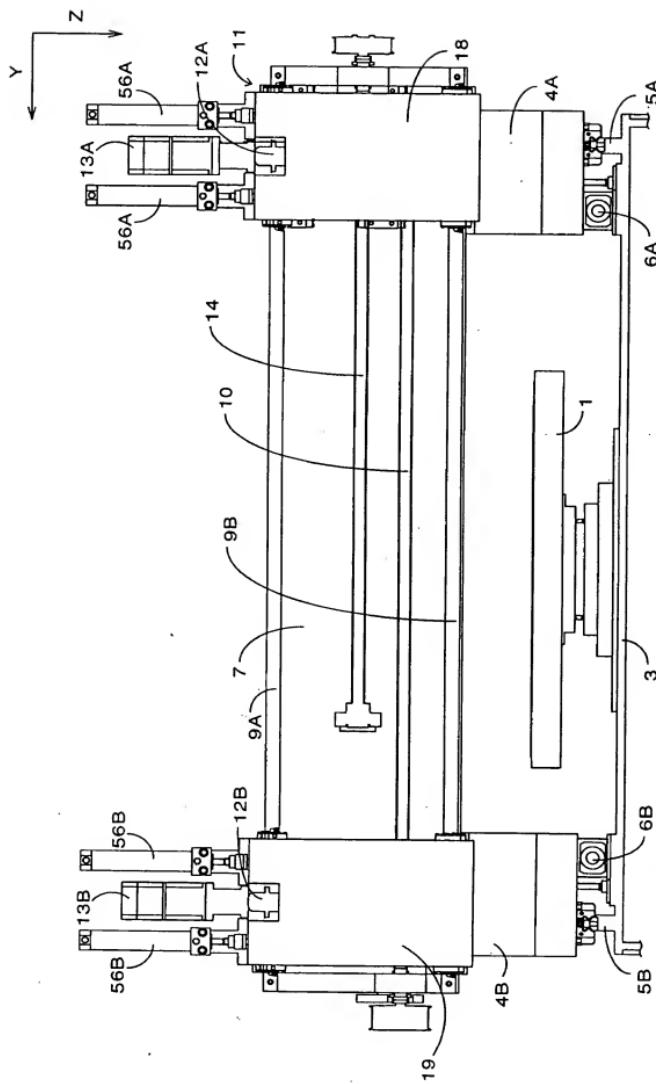


FIG. 6B

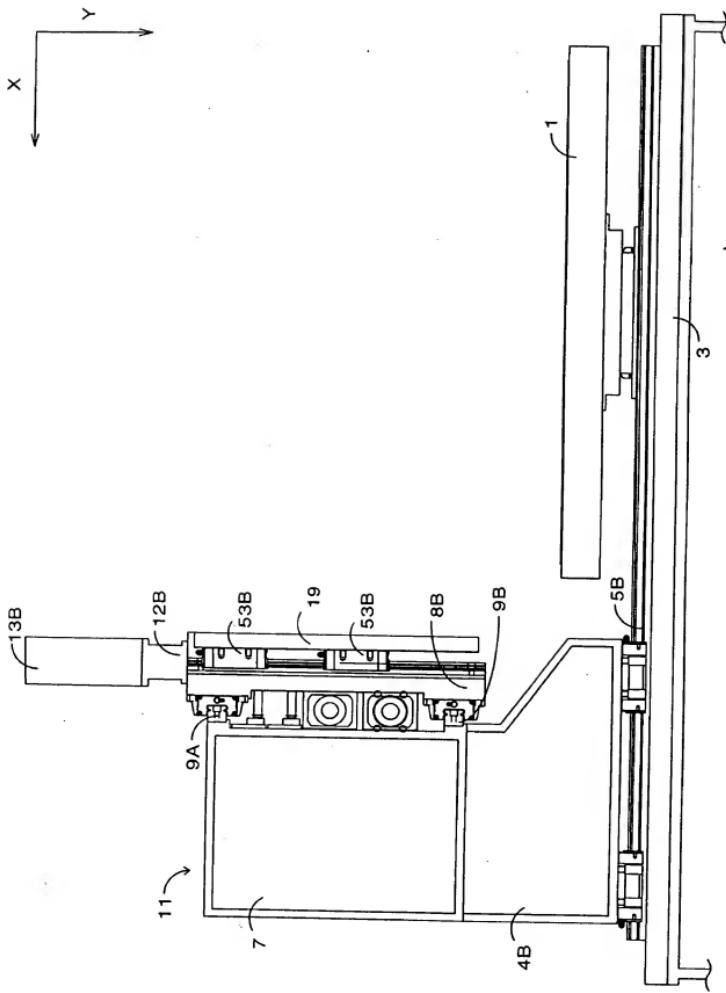


FIG.7A

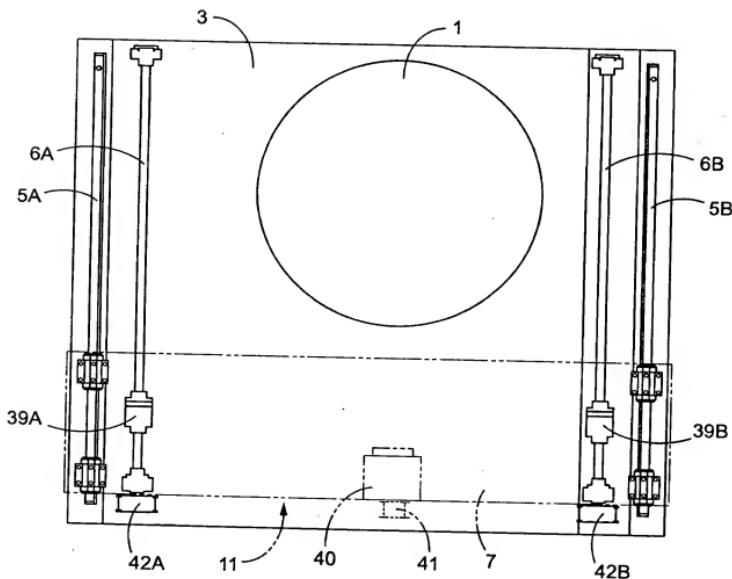


FIG. 7B

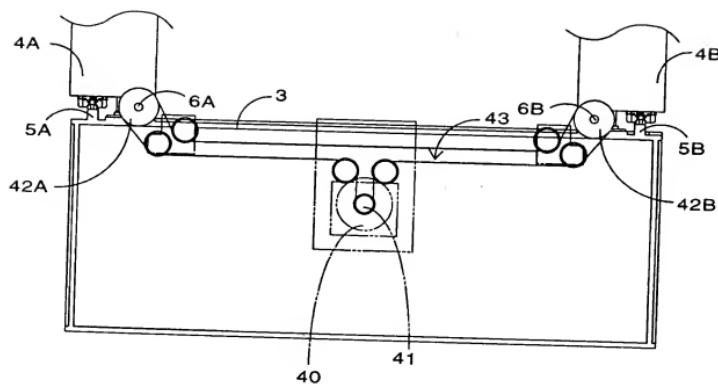


FIG. 8A

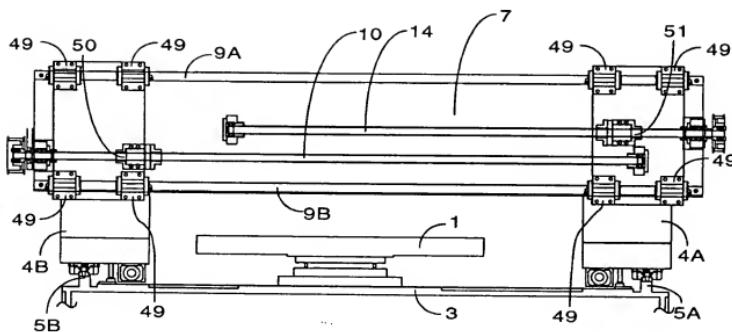


FIG. 8B

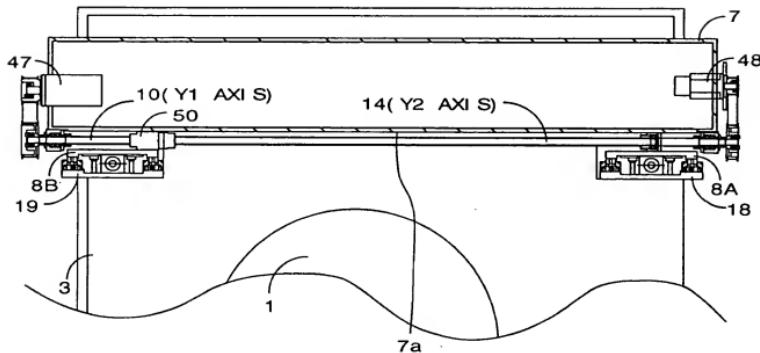


FIG.9A

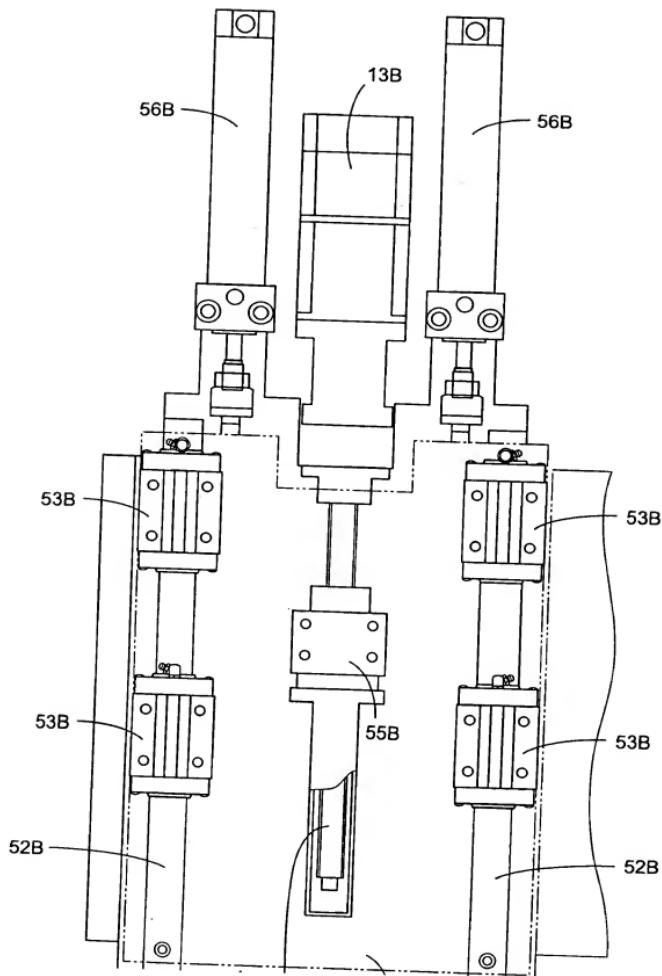


FIG. 9B

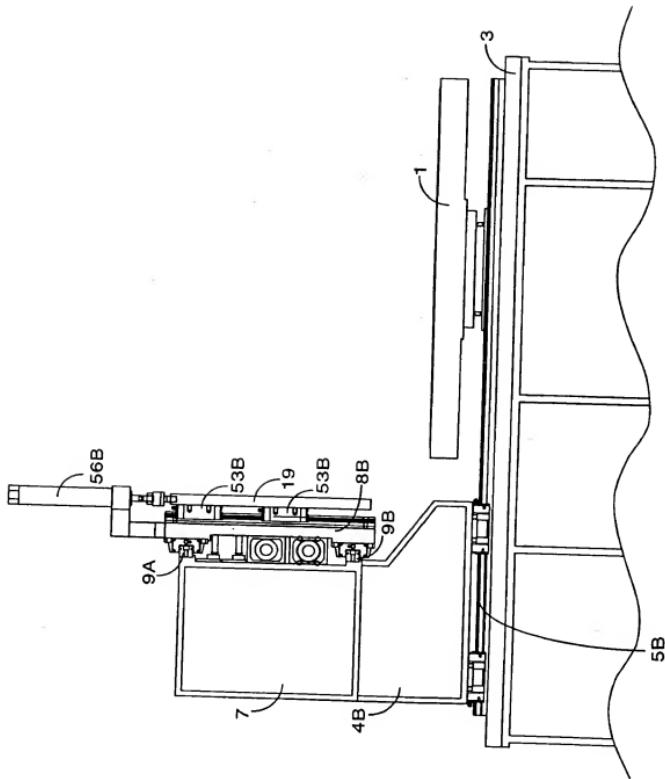


FIG. 10

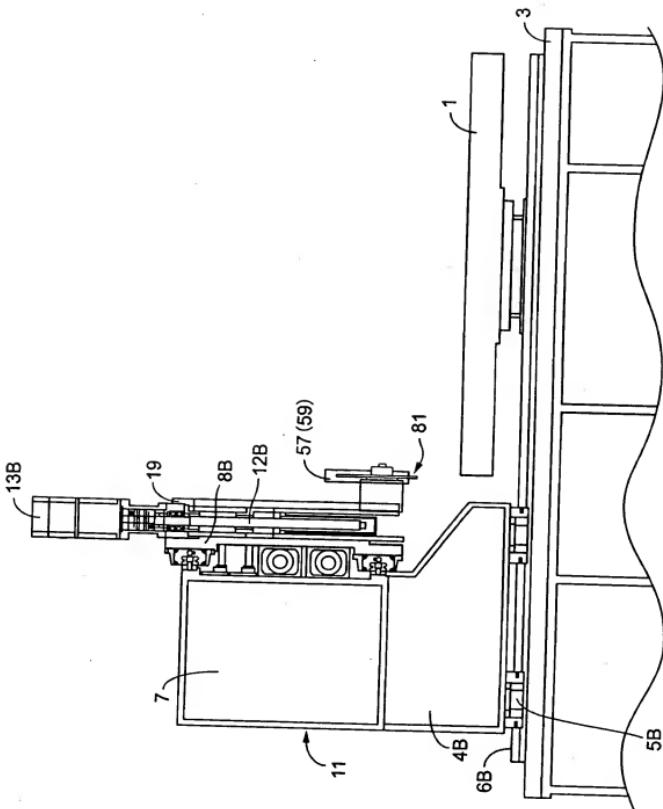


FIG. 11

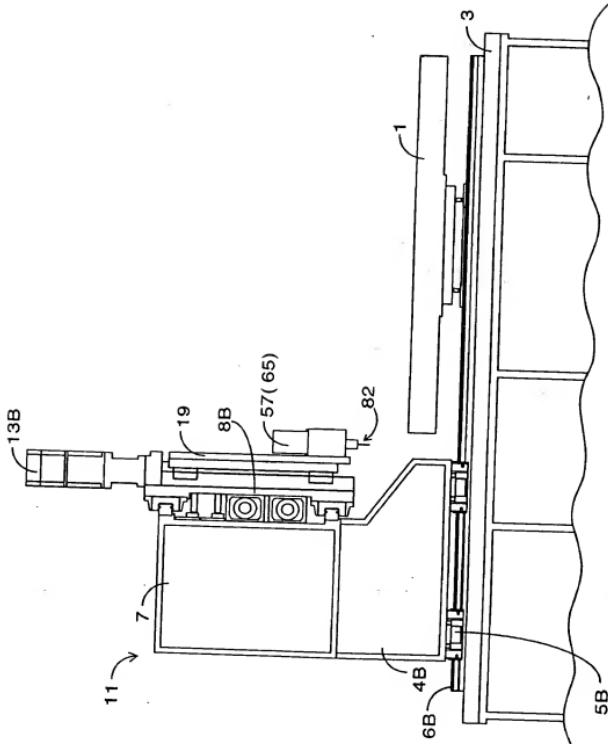


FIG. 12

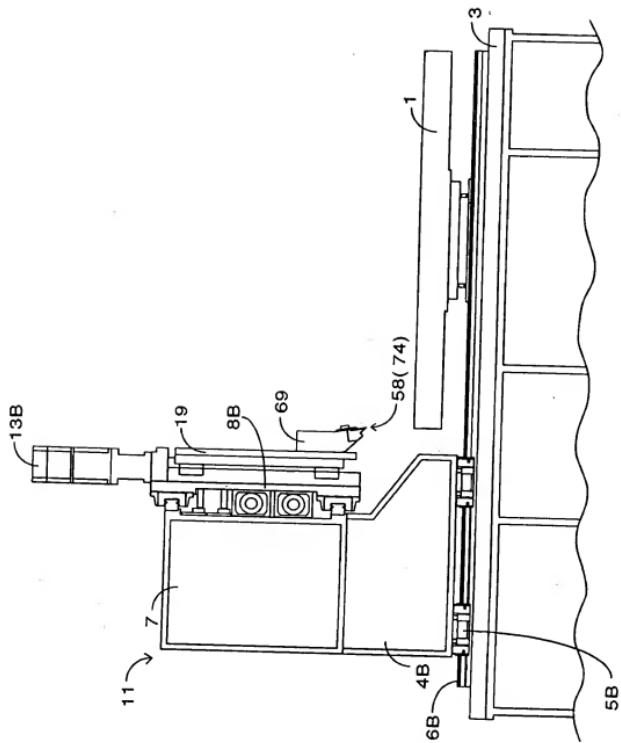


FIG. 13

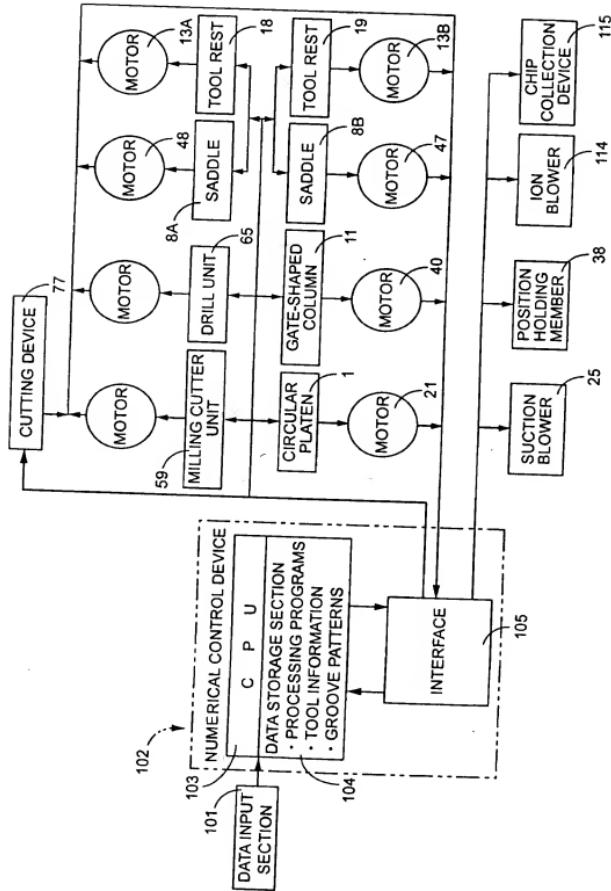


FIG. 14

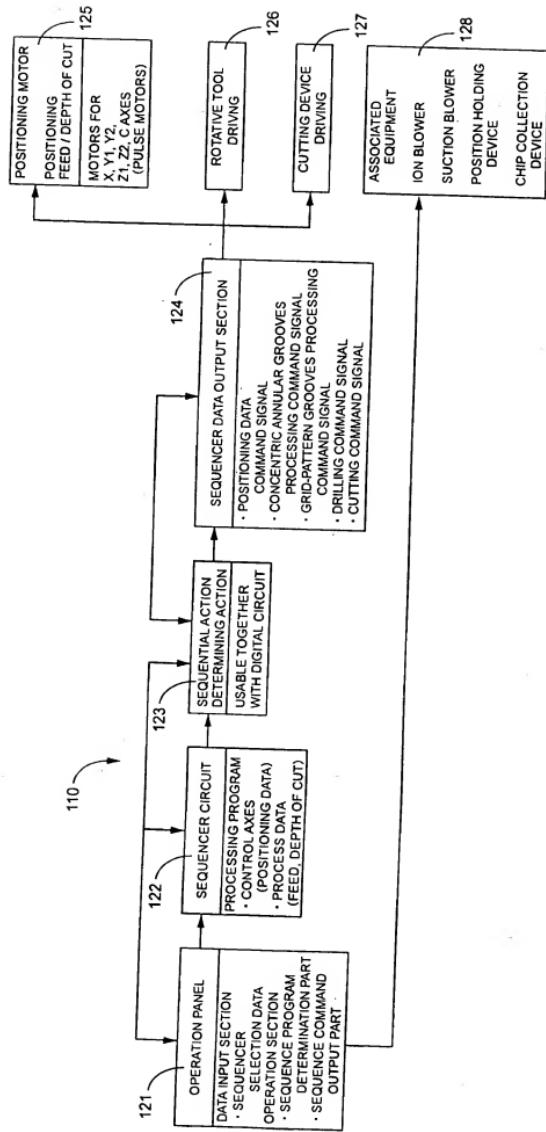


FIG.15A

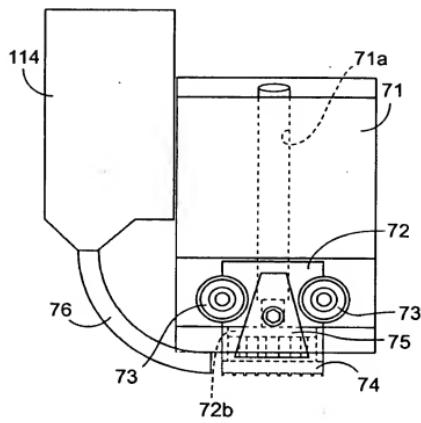


FIG.15B

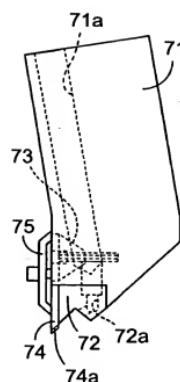


FIG.15C

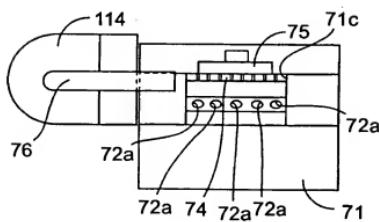


FIG.16A

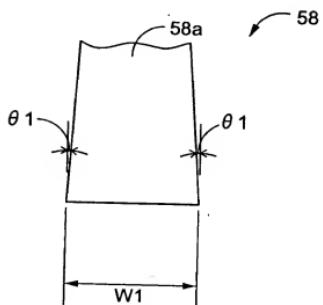


FIG.16B

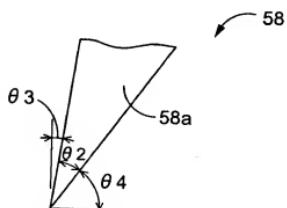


FIG.17A

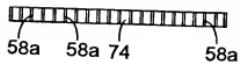


FIG.17B

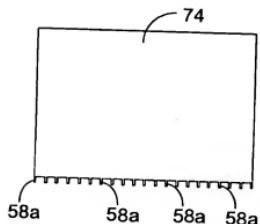


FIG.17C



FIG. 18

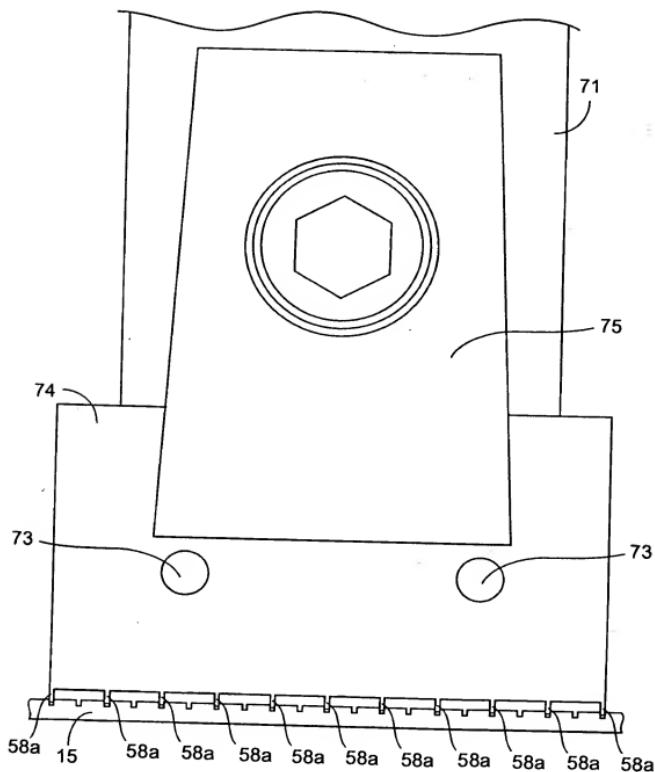


FIG.19A

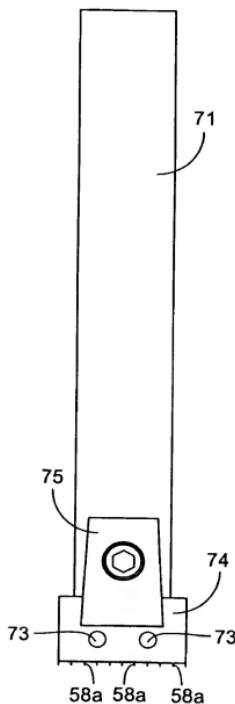


FIG.19B

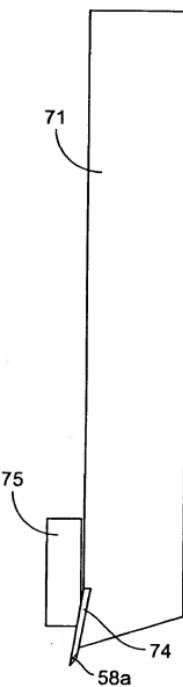


FIG.20

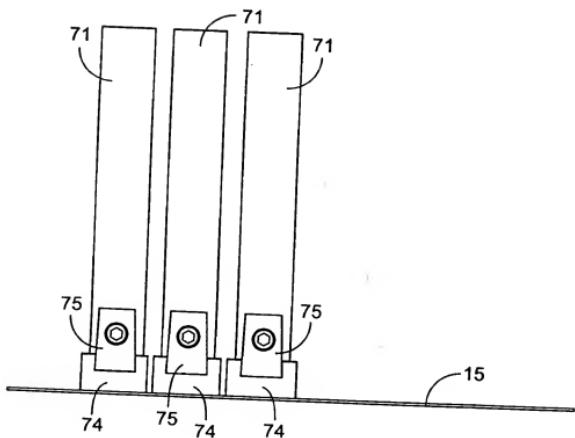


FIG.21

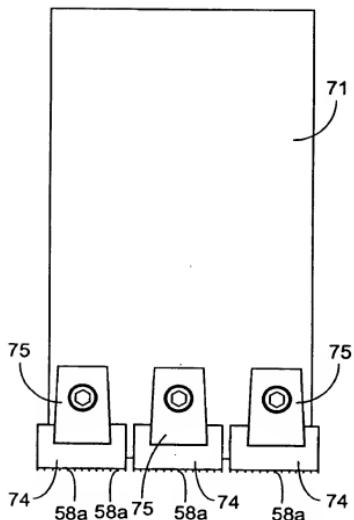


FIG.22A

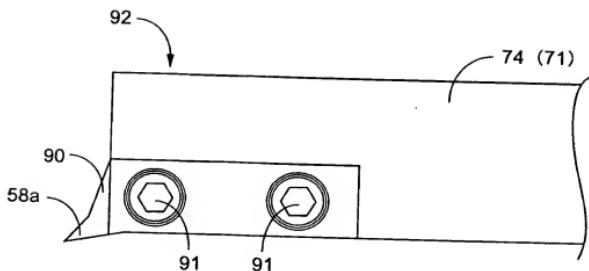


FIG.22B

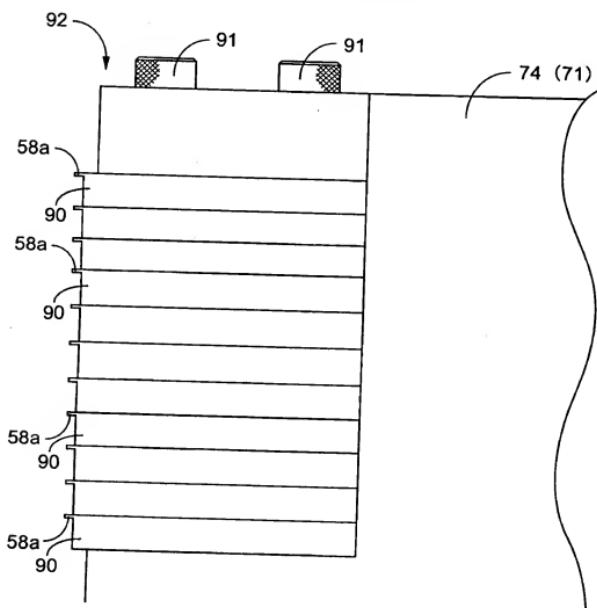


FIG.23A

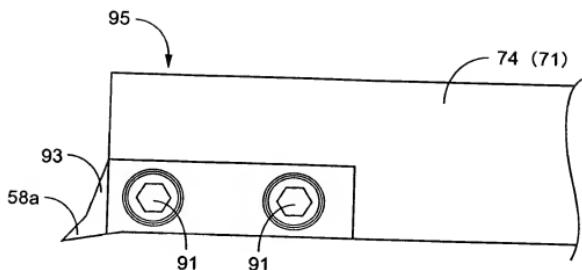


FIG.23B

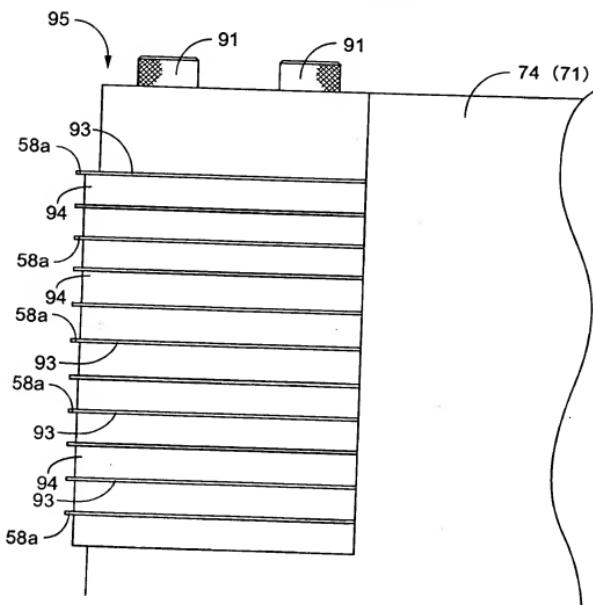


FIG. 24A

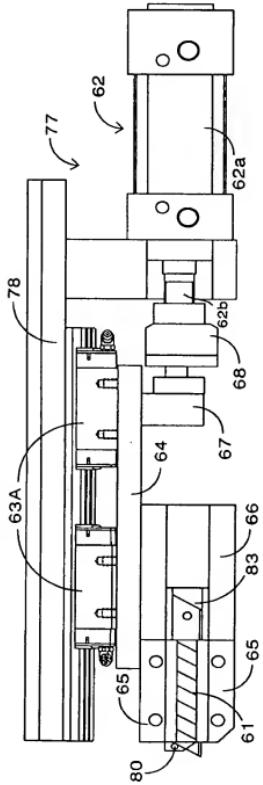


FIG. 24C

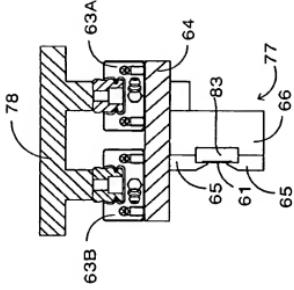


FIG. 24B

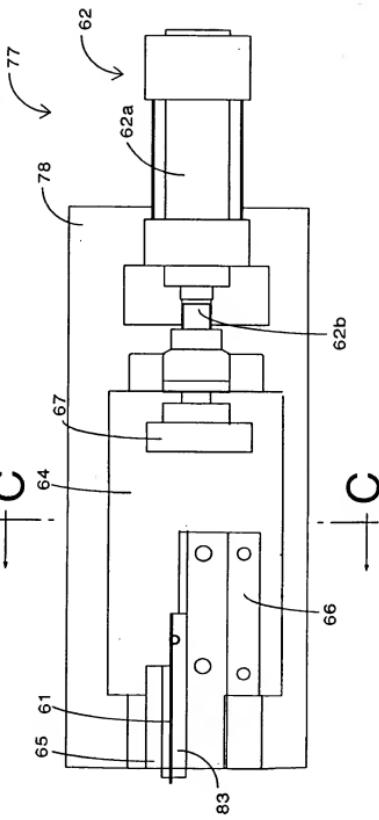


FIG.25A

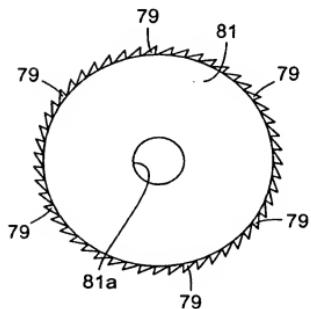


FIG.25B

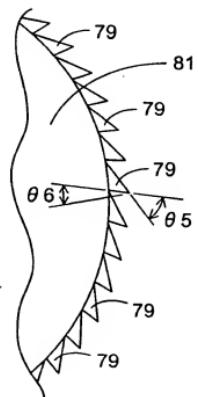


FIG.26A

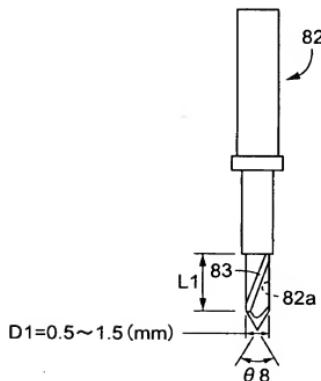


FIG.26B

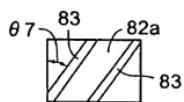


FIG. 27A

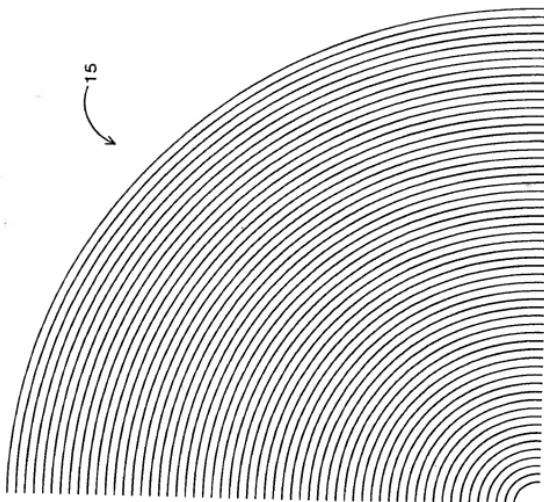


FIG. 27B

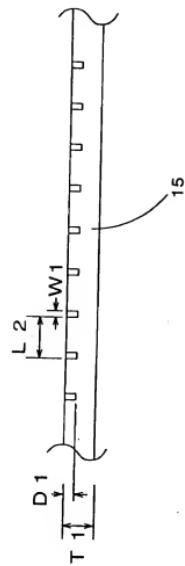


FIG. 28A

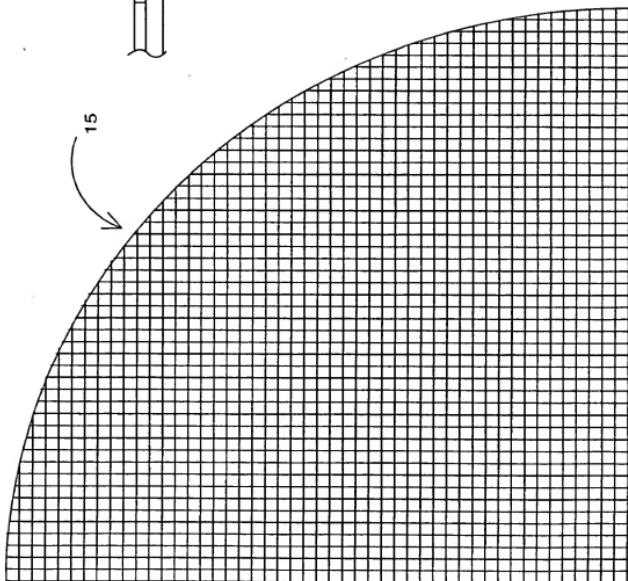


FIG. 28B

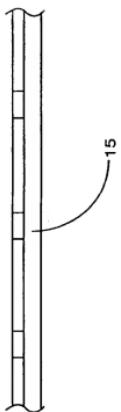


FIG. 29

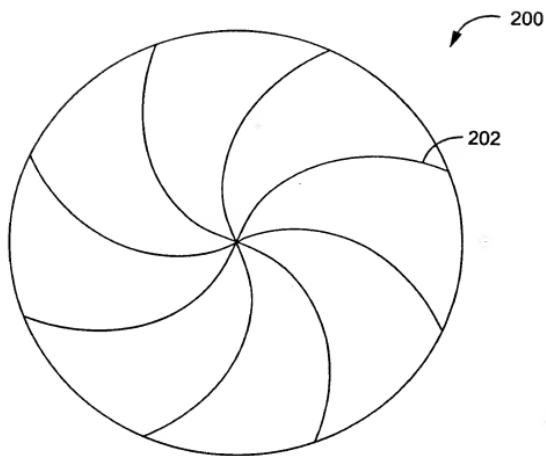


FIG.30

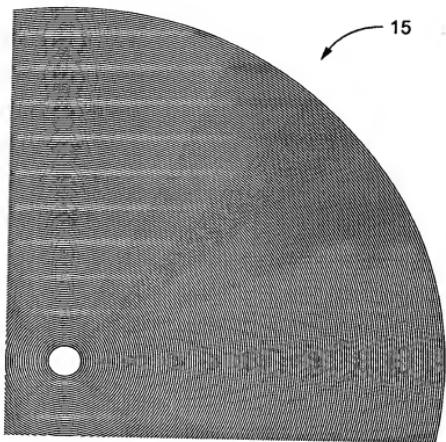


FIG.31

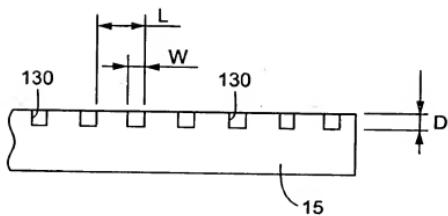


FIG. 32A

30 / 1

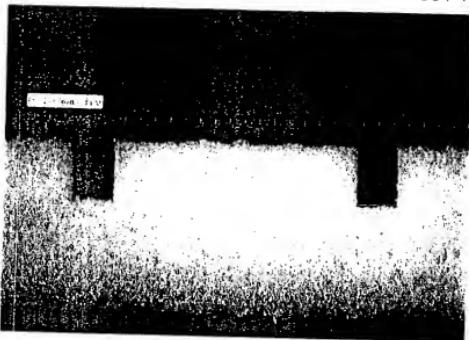


FIG. 32B

100 / 1

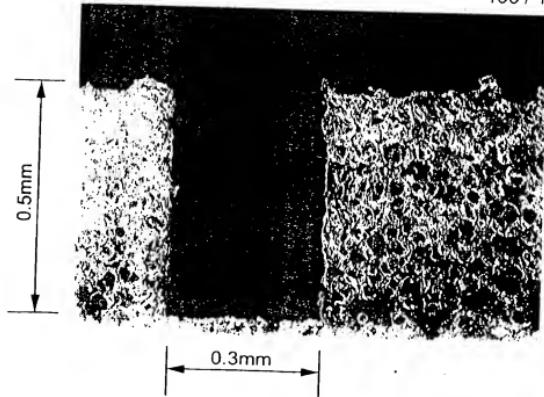


FIG. 33A

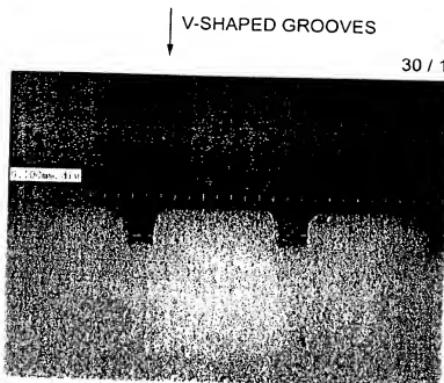


FIG. 33B

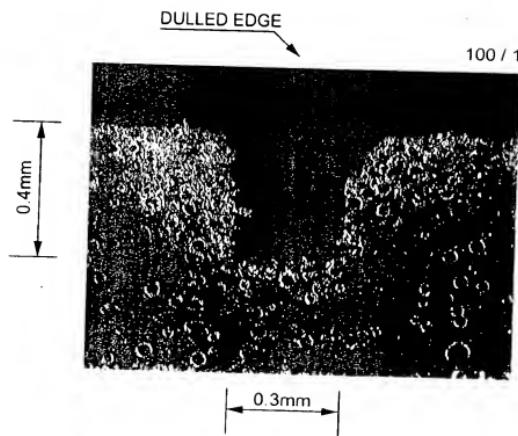


FIG. 34

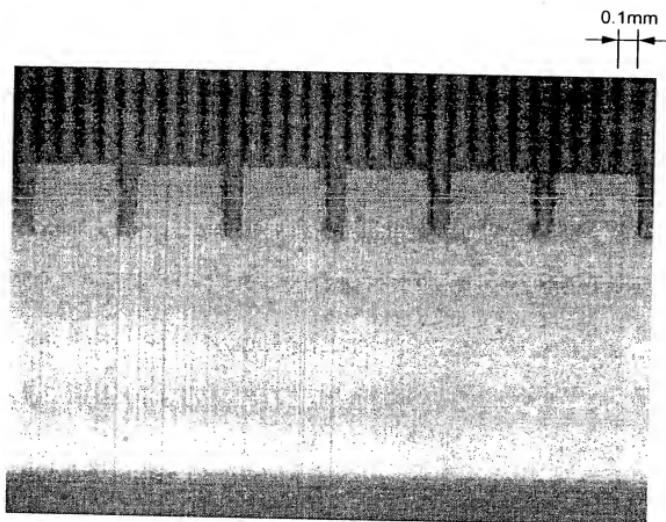


FIG. 35

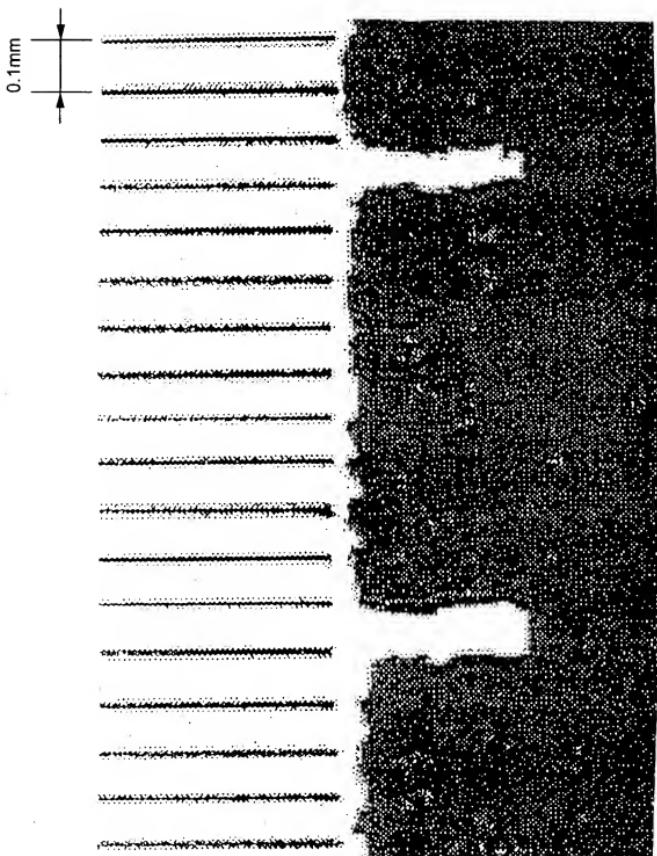


FIG. 36

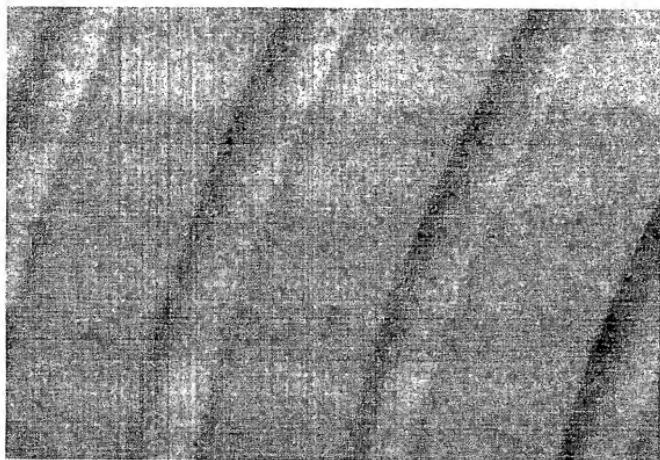


FIG. 37

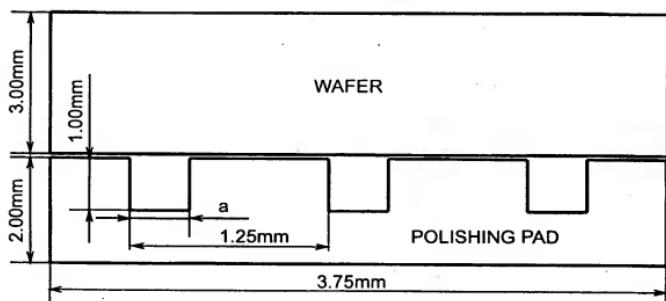


FIG. 38

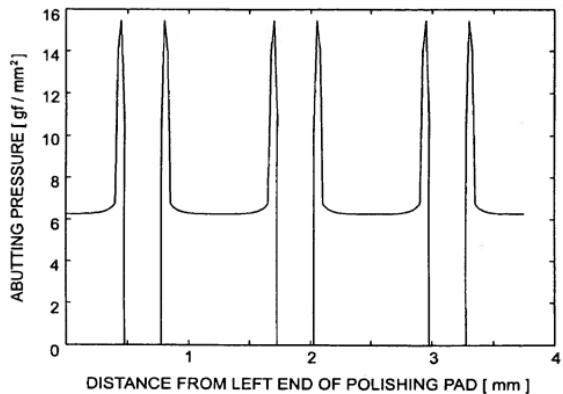


FIG. 39

